

PINK BOLLWORM PROGRAM – WEEKLY REPORT

40 YEARS OF SERVICE TO COTTON GROWERS



State of California
2895 N. Larkin, Suite A
Fresno, CA 93727
Department of Food & Agriculture
Plant Health and Pest Prevention Services
Integrated Pest Control Branch

(559) 445-5472
FAX 445-5334

Week Ending June 30, 2007

Pink Bollworm Activities

Southern California:

Native Pink Bollworm captures decreased slightly this past week. There were 3,445 Native Pink Bollworm captures this week, bringing the season total to 150,422 Native Pink Bollworm finds.

Mass aerial sterile moth release continued this week with 1.97 million sterile moths being released on Sunday and Wednesday. A total of 6,273 sterile moths were trapped this week and the total number recaptured is 15,040 sterile moths.

San Joaquin Valley:

To date, trappers have placed 1,504 general detection traps in Fresno County, 1,108 in Kern County, 1,173 in Kings County, 77 in Madera County, 748 in Merced County and 323 in Tulare County. All traps have been installed and are being numbered. A total of 12,048,960 sterile moths were received and released for the week, bringing the season release total to 100,500,739. The Shafter Identification Lab examined 247 traps this week and identified 6,771 sterile moths in the Kern County Early Detection and General Detection traps, 0 in the Kings County traps and 402 in the Tulare County traps. No Native Pink Bollworm moths were found.

Pink Bollworm staff has mapped 428,340 acres of 2007 cotton plantings. The large decrease in cotton acreage (over 100,000 acres from 2006) will most likely result in decreased Program revenues. This necessitated adjusting trap service intervals in some areas in order to reduce overall program costs. Insect biological potential, climate history and trap capture data were used to determine areas where the trap service interval could be extended to two weeks instead of the traditional one-week service cycle.

Sacramento Valley:

The latest heat unit projections indicate mapping and trapping will begin in mid August. Requests were made for cotton acreage and locations from Colusa, Sutter, Glenn and Yolo Counties.